

# **SOUTH PRODUCTION NOTES**

**December 6, 2013  
Midnight Shift**

**BASF EMPLOYEES  
155 Last Recordable  
174 Last Lost Time**

**Alumina Gel and building 9 are regulated areas due to Vanadium**

**#1 MED A-520:** Trial is done. Start cleaning line per the cleaning instructions for next product (Al-5637).

**DO NOT THROW AWAY THE INSERTS FROM THE DIE PLATE>>>SAVE IT, AS IS!**

**#1 RC / A-520:** The lab has the comp samples of drums 1-16 in plastic jars. The last drum of material was fed.

**Exhaust to Trimer**

**Midnight shift:** Waiting for clean up instructions.

**Day shift:** Clean up instructions are in GL office.

**Afternoon shift:** Received cleaning instructions - scheduling start of clean-up on first part of midnight shift.

**#2 MED line/ D-0768:** On hold. ANY WET MIX GENERATED NEEDS TO BE ADDED BACK INTO THE MIXER. NOTE: there are 5 bags on the floor that need to be inspected and hand screened. First attempt to screen-out the D-1795 scattered material in the D-0768 bags did not go well. Will discuss further with Bill Grodecki to develop a more efficient method to screen-out the 1795 stuff. Also, need to discuss when to restart line as dried bags are being consumed in the calciner hopper. Discuss at morning meeting.

**Midnight Shift Update:** Did not run the line – too many bags and calciner not running yet.

**Day Shift:** No change.

**Afternoon shift:** No MED activity...looking to restart possibly on Friday if enough bags are calcined and out of the way. Need to discuss in morning meeting.

**#2 RC/ D-0768:** The calciner is running.

**Day shift:** Continue

**Midnight Shift Update:** Running the calciner until the spare gear box arrives. Continue to keep an eye on the gearbox oil level. **We will run until part is delivered.**

**Afternoon shift:** Continue on.

**Exhaust to CTO for NOx control**

**#3 MED line / D-1794 NAQ:** Continue running.

**Midnight shift Update:** Continuing on. We are down to the last batch due to lack of Zeolite material. There;s a batch in the mixer and one that was sucked up.

**Day shift:** Continuing on. Trailer of zeolite is here .

**Afternoon shift:** Continue on

**#3 RC / D-1794 NAQ:** Continue. We are direct-feeding as much as possible to reduce the number of bags on the floor.

**Exhaust to CTO for NO<sub>x</sub> control**

**Midnight Shift Update:** Started feeding the calciner on midnight shift.

**Day shift:** Continued.

**Afternoon shift:** Continue on

**Abbe Blender / D-5206:** Continue to run when possible (around contractor shifts).

**Midnight Shift Update:** Continued to run. Unable to determine if hanger that holds up the overhead line was repaired (933777904).

**Day shift:** Down/Contractors.

**Afternoon shift:** Continue on (repairs to drain line hangers were confirmed completed).

**Running OK** (drainage is taking a bit longer than usual, but still draining well).

**National Dryer / 5206 :** Continue to feed as batches come from the Abbe.

**Midnight Shift Update:** Will feed as material is available.

**Day shift:** Continue as material is available.

**Afternoon shift:** Continue on

**#4 RC / D-5206:** On hold. Building feed. Calciner is down for contractor work on Friday.

**Exhaust to 4 DC**

**Midnight Shift Update:** On hold; still building feed. We have 6 bags of material.

**Day shift:** Temperatures are coming down for contractor work on Friday morning.

**Afternoon shift:** No change, calciner down for contractor work Friday

**HC-11 Tanks / clean for Cu 5020:** Need to tote off the remaining solution in tank 6 and get the tanks ready for Cu 5020 ASAP. TANK UPDATE: 6 tank solution toted off; 4 tank rinse transferred to 6 tank for recycle/heating/cleaning; 107 tank rinse water slowly draining to WWTP. Will need to have engineer re-inspect tanks in the morning Friday to confirm readiness for 5020.

**Midnight Shift Update:** Operator scheduled to begin toting off and cleaning tanks in preparation for the 5020 strikes.

**Day shift:** Contractors were in the way so Tank 6 still needs to be emptied and put in B-9.

**Afternoon shift:** 1520 solution in 6 tank toted-off and solution sent to building 9 for 1520 batches (when PK is ready). Currently rinsing 6 tank with acid wash from 4 tank rinsings. 107 tank draining to WWTP. Please have engineer confirm cleanliness of tanks on Friday so we can be ready for 5020 strikes.

**PK Blender / 1520:** Currently down for repairs. Should be ready to restart by this weekend. NOTE: when restarting, please continue loading into 111 bags for direct shipment to PPT (as we were doing before shutting the PK down).

**Midnight Shift Update:** PK blender and bldg. 9 have been washed down in preparation for the work to be done on the PK. Excess water has been toted off.

**Day shift:** Contractor is repairing the liner in the PK.

**Afternoon shift:** Down until repairs done.

**#5 RC / 1520:** Calciner is running. Keep in mind that this is a regulated area. **Wear your respirators – Vanadium.** Several bags of older material (and 8 drums of 1520). Were brought to the calciner. Confirm with John Bodmann which of the bags are ready to feed. Drums of 1520 will need to be repacked.

**Exhaust to Trimer**

**Midnight Shift Update:** Continued to run without issues.

**Day shift:** Continued to run. 24 bags to feed and 4 contaminated bags.

**Afternoon shift:** Continue on

**New Pfaudler / BE-0101:** We have approval to use DI water/RO unit still down..

**Midnight Shift Update:** Batch was completed, dropped and sent to TK4 on midnight shift.

**Day shift:** Batch was made. Work order is in to repair RO unit.

**Afternoon shift:** Batch from day shift dropped. Do not make any more batches until we are down to 2-3 bags at the kiln. As of 9:30 pm Thursday there are 6 bags at the kiln.

**Old Pfaudler D-0756:** If #6 RC is running continue to make batches.. Batches have started.

**Midnight shift Update:** No updates as we did not make a batch.

**Day shift:** Calciner was lit this morning but kicked out again at 1:30pm. G Menz was notified and will try to get Elliott in to repair.

**Afternoon shift:** Kiln appears to be OK but dryer will not light. Pavelschak and Fern working on this. As of 9:30 pm, all but 1 buggy full and batches are in the hopper and the pfaudler.

**#6 - RC / D-0756:** Calciner will not stay lit. When we get up to temperature we need to begin feeding.

**Exhaust to Sly Scrubber**

**Midnight Shift Update:** Calciner has kicked out once again. Another work notification has been written - 933782978.

**Day shift:** Calciner was lit this morning/down again at 1:45pm. Maintenance was notified.

**Afternoon shift:** Elliot worked on calciner and it seems OK, but dryer will not light (will not progress through start-up sequence). Pavelschak and Fern working on this late afternoon shift.

**Tower 3 / Cu-0860:** Unloaded and reloaded, but on hold (repairs/replacement of hydrogen control valve Friday)

**Midnight Shift Update:** Loaded and running

**Day shift:** Will come down on Afternoon shift.

**Afternoon shift:** Unloaded/reloaded and on hold for hydrogen control valve (Friday).

**Tower 6 / E-406:** Tower was loaded with E-406. Had issue lighting jacket burner – work notification was written but operator got it lit. OK for now.

**Midnight Shift Update:** On hold until maintenance receives and installs broken hydraulic hose.

**Day shift:** Waiting on G Grodecki instructions.

**Afternoon shift:** Unloaded Cu-0860, reloaded with E-406 and running.

**Harrop Kiln - Al-3921 T 3/16”:** Continue running. The automatic pusher at the cool down zone in the Kiln still not working. It appears as if the clutch is disengaging while pushing carts. Work notification written for one of the blowers on the kiln (#5 blower stopped working). NOTE: make sure we are using 45” pallets for the bags coming off of the kiln.

**Midnight Shift Update:** Continuing to run.

**Day shift:** Continued.

**Afternoon shift:** Had issue with broken switch on chain puller. Maintenance working on this late afternoon shift.

**North Screener / Cu-0860:** Continue on.

**Midnight Shift Update: Running on second half of the shift.**

**Day shift: ran on 2<sup>nd</sup> half of shift.(manpower)**

**Afternoon shift: Continue. Screener operator assisted with both tower loads**

**South Screener /Cu-0860: Advised by engineer to set up south screener for Cu-0860.**

**Midnight Shift Update: Running on second half of the shift.**

**Day shift: Ran on 2<sup>nd</sup> half of shift.(manpower)**

**Afternoon shift: Continue. Screener operator assisted with both tower loads**

**#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision whether to switch to 3915.**

**#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.**

**Midnight Shift Update: No change.**

**Day shift: No change.**

**Afternoon shift: No change**

**Tunnel Kiln #2 / Al-3921: Continue unloading.**

**Midnight Shift Update: We have just about finished unloading TK2. We will now take apart the screener to clean it and place the correct screen on it. We will then take it and install it, along with its scale, on TK 4.**

**Day shift: Finished unloading. Setting sceener up on TK-4 from TK-2.**

**Afternoon shift: Bringing temps down per phone instructions from Justin Quach.**

**Tunnel Kiln #4 / BE-0101: Continue loading/unloading**

**Midnight Shift Update: We have started to unload TK4 into open top bags because we have not completed all of the screening on TK2.**

**Day shift: Continued on. . Setting sceener up on TK-4. Will fill saggars with one scoop/approx. 12 pounds per N Trent.**

**Afternoon shift: Continue on. Day shift load from new pfadler brought to kiln.**

**Currently have 6 bags to feed...no batches scheduled on new pfadler for next couple of shifts.**